

**UTILITY  
PATENT APPLICATION****TRANSMITTAL**

(Only for original applications)

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent  
application contents.

Attorney Docket No. 1594.1323

First Named Inventor or Application Identifier:  
Moon Joo LEE et al

Express Mail Label No.

ADDRESS TO:  
**Commissioner for Patents**  
**Box Patent Application**  
**PO Box 1450**  
**Alexandria, VA 22313-1450**

1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract .....[Total Pages: 20]
3. ☒ Drawing(s) (35 USC 113) .....[ Total Sheets: 9 ] [FIGS. 1-9 ]
4. ☒ Oath or Declaration .....[ Total Pages: 1 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Verified Statement Claiming Small Entity Status
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76
7. ☒ Applicant claims foreign priority benefit to: Korean Application 2003-50688 filed July 23, 2003
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies
10. ☐ For publication of assignee information under 37 CFR 1.215(b), list the assignee as Samsung Electronics Co., LTD. of Suwon-si, Republic of Korea. The Assignment papers will be filed later.

**ACCOMPANYING APPLICATION PARTS**

11. ☒ Assignment (cover sheet & document(s)) to Samsung Electronics Co., LTD. of Suwon-si, Republic of Korea  
☒ for publication of assignee information under 37 CFR 1.215(b)
12. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
15. ☐ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
17. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent
19. ☐ Other:

**20. CORRESPONDENCE ADDRESS****21171**

PATENT TRADEMARK OFFICE



13281 U.S. PTO

S&amp;H Form (10/03)

|  |   |                      |                     |                                  |                  |
|--|---|----------------------|---------------------|----------------------------------|------------------|
| <b>NEW APPLICATION<br/>FEE TRANSMITTAL</b>   |   | Attorney Docket No.  | 1594.1323           |                                  |                  |
|  |   | Application Number   | Not yet assigned    |                                  |                  |
|  |   | Filing Date          | March 30, 2004      |                                  |                  |
| AMOUNT ENCLOSED  | \$ 864.00   | First Named Inventor | Moon Joo LEE et al  |                                  |                  |
| <b>FEE CALCULATION (fees effective 10/01/03)</b>   |   |                      |                     |                                  |                  |
| CLAIMS   | (1) FOR   | (2) NUMBER<br>FILED  | (3) NUMBER<br>EXTRA | (4) RATE                         | (5) CALCULATIONS |
|  | TOTAL CLAIMS  | 23 - 20 =            | 3                   | X \$ 18.00 =                     | \$ 54.00         |
|  | INDEPENDENT<br>CLAIMS   | 3 - 3 =              | 0                   | X \$ 86.00 =                     | 0.00             |
|  | MULTIPLE DEPENDENT CLAIMS (any number;<br>if applicable)                            |                      |                     | + \$290.00 =                     |                  |
|  |   |                      |                     | BASIC FILING<br>FEE              | 770.00           |
|  |   |                      |                     | Total of above<br>Calculations = | \$ 824.00        |
|  | Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f))<br>(\$130.00)   |                      |                     |                                  |                  |
|  | Reduction by 50% for filing by small entity (37 CFR 1.27).                          |                      |                     |                                  |                  |
|  |   |                      |                     | TOTAL FILING<br>FEE =            | \$ 824.00        |
|  | Surcharge for filing non-English language application (\$130.00;<br>37 CFR 1.52(d)) |                      |                     |                                  |                  |
|  | Recordation of Assignment (\$40.00; 37 CFR 1.21(h))                                 |                      |                     |                                  | 40.00            |
|  |   |                      |                     | TOTAL FEES<br>DUE =              | \$ 864.00        |
| <b>METHOD OF PAYMENT</b>   |   |                      |                     |                                  |                  |
| <input checked="" type="checkbox"/> Check enclosed as payment.   |   |                      |                     |                                  |                  |
| <input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below.   |   |                      |                     |                                  |                  |
| <input type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time<br>(unless specifically required to obtain a filing date).   |   |                      |                     |                                  |                  |
| <b>GENERAL AUTHORIZATION</b>   |   |                      |                     |                                  |                  |
| <input checked="" type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby<br>authorized to credit any overpayment or charge any additional fees necessary to:  |   |                      |                     |                                  |                  |
| Deposit Account No.  |   | 19-3935              |                     |                                  |                  |
| Deposit Account Name   |   | STAAS & HALSEY LLP   |                     |                                  |                  |
| <input checked="" type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees<br>required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the<br>prosecution of this application, including any related application(s) claiming benefit hereof<br>pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or<br>continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any<br>such related application. |   |                      |                     |                                  |                  |
| <b>SUBMITTED BY: STAAS &amp; HALSEY LLP</b>  |   |                      |                     |                                  |                  |
| Typed Name   | Michael D. Stein  |                      |                     | Reg. No.                         | 37,240           |
| Signature  |   |                      |                     | Date                             | 3/30/04          |